

FOLIO

University of Alberta

19 May 1988



Quote

"I have often wondered, Gordin, what it is like to go through life as a typographical error."

Source: Arnold Naimark, president of the University of Manitoba, at last month's conference on university research held in honor of J. Gordin Kaplan, our University's first Vice-President (Research). □

Governors Discuss University's 'First Significant Deficit'

The University will run \$2.5 million in the red this year, "our first significant deficit," John Schlosser told the Board of Governors (13 May).

A preliminary operating budget shows revenues at \$250.82 million, expenditures at \$253.33 million.

Strictly speaking, the University can't have a deficit, being obligated under provincial statute to pay its way "out of the annual income of the year." However, Advanced Education Minister Dave Russell has given ministerial permission to over-ride Section 28 of *The Universities Act*, a gloomy-faced President Myer Horowitz told the Board.

Arbitration awards were seen as playing a large part in the deficit by Allan Warrack, Vice-President (Administration). President Horowitz commented that hospital boards were allocated special funds to balance their books, following pay increases to their nurses.

The proposed three percent increase in student tuition was approved 11-3, with Students' Union President Paul LaGrange one of those opposed. (A Students' Union referendum favors zero increase in fees, a position that LaGrange admits is unrealistic.)

Fifth Boiler, for More Heat

Babcock & Wilcox Canada have won a \$3.89 million contract that will upgrade heating reliability to greater campus users, the Board of Governors was told last Friday. Campus is currently heated by four boilers. B & W's contract is part of a planned heating plant expansion.

Edmonton Company Bids Well on Shells

Finishing the "shell space" of the third, fourth and fifth floors of the Heritage Medical Research Building will cost \$2.84 million, the Board of Governors heard.

The interior finishing contract was won by PCL-Maxam, A Joint Venture.

Dentistry/Pharmacy to Upgrade Its Animal Facilities

Dentistry/Pharmacy gets \$300,000 to upgrade its seventh floor, to meet Canadian Council on Animal Care standards. The Animal Services project will include a security system.

And a \$350,000 lab for Biotechnology, Medicine and Forestry will be built on the sixth floor of the Medical Sciences Building in the coming year. Funds for this project have been made available through the province's Technology, Research and Telecommunications Department, Vice-President Warrack told the Governors.

Zoology Wing Named After Late Dean

The University's new Zoology wing (Biological Sciences) will be named after Donald Murray Ross (1914-1986), a former Dean of the Faculty of Science, early developer of the Bamfield Marine Station on Vancouver Island and a leading authority on sea anemone/hermit crab relations.

Dr. Ross first headed Zoology in 1961, becoming Science dean three years later and professor emeritus in 1979. It was under his influence that this land-locked campus got its growing reputation in marine biology.

Three Appointed to Department Chairs

Royston Greenwood, Krishen Mehra and Robert Silverman have all been confirmed to chair their respective departments (Organizational Analysis, in

Business; Statistics and Applied Probability, in Science; and Sociology, in the Faculty of Arts).

Dr. Greenwood's and Dr. Silverman's appointments are for five years. Dr. Mehra's is for three years, all effective 1 July 1988.

Watch for Smoke Signals

Campus smoking policy comes into effect 1 September. Designated smoking areas will be clearly signed, as will entrances to buildings. □

Rural Economy Cultivates Grassroots

The big picture in Rural Economy is getting bigger because of Grassroots.

A recent donation of \$2,400 (the sum is eligible for a provincial government matching grant) by John Duvenaud, general manager of Grassroots Information Services, Winnipeg, signals the addition of an actual market dimension to the classroom. The market information service means students can heighten their understanding of the importance of fundamental analysis in determining the direction of price movements. They can also experience the role of traders,

hedgers and speculators on the North American commodity futures market exchanges.

Steve Pawluk and Bill Phillips accepted Mr. Duvenaud's donation and thanked him for making the system available to Rural Economy students (the department conducts two marketing courses) as well as students taking the general program.

Grassroots, a wholly Canadian system, is used primarily by grain and livestock farmers. It serves 2,000 subscribers, about 300 of whom are in Alberta. □

Focus Does CAPS Proud

Focus, a year-old publication of Career and Placement Services (CAPS), has won the College Placement Council's (CPC) 1988 Award of Excellence.

The purpose of the award is "to recognize excellence in career planning and employment publications designed for students." CPC is the North American national professional association for employers of

post-secondary graduates, and career planning and placement personnel at colleges and universities.

Focus provides specific information on career options, job-search techniques, résumé writing, and interview skills. It includes current information about career prospects and employers in a particular field. □

Contents

- Glen Sather Sports Medicine Clinic off and running
- Highlights of conference on university research
- Academy Strings on European tour



Glen Sather Sports Medicine Clinic Prepares to Enter Scar Wars Fray

Wayne Gretzky injures a knee and the prognosis is six to eight weeks on the shelf. He's back orchestrating play in three weeks. An amateur wrestler, infinitely lesser known but imbued with the same sense of dedication to his sport, hurts a shoulder but shows up at the next meet and pins his opponent - to the surprise of everyone but his doctor.

The injury part of these scenarios can easily be realized. A speedy return to action is another matter, one that the Glen Sather Sports Medicine Clinic will address in no uncertain terms.

Injuries are inevitable no matter what the sport, no matter who the participant. What the Sather Clinic will do is administer "prompt and informed treatment" aimed at returning the athlete to training and competition in the shortest time possible.

One could compare the clinic to the control centre at a rocket launching. The experts—coaches, physicians, therapists, radiologists, dentists and biomechanists—will work as a team to provide patients with the finest in both quality and innovative care. (The "control

centre" is a 4,500 square foot room on the main floor of the West Physical Education Building.)

The start of construction of the clinic was marked at a news (sports?) conference at the Universiade Pavilion on 12 May. All the players were there . . . Glen Sather, Peter Pocklington, Myer Horowitz, Deans Gerry Glassford (Physical Education and Recreation) and Douglas Wilson (Medicine), and David Reid, director of the clinic.

President Horowitz reminded the gathering that the clinic couldn't have been realized without 1) individual donors, including, of course, Mr. Pocklington; 2) the provincial government and its matching grant program; and 3) the contribution by the University of Alberta (read the Faculties of Physical Education and Recreation, Medicine, Rehabilitation Medicine, and Dentistry) during a "relatively difficult time."

The clinic is to be completed by the first week in September at a total cost of \$785,000. It will remain open 14 to 16 hours per day and will operate as a medical clinic with

a sport science support system. Students must be referred to the clinic through University Health Service; off-campus patients must be referred by their general practitioners.

"It will be pretty much a standard clinic but its focus and the people in it make it unique," says Art Quinney (Physical Education

and Sport Studies). Dr. Quinney showed the Oilers the value of fitness testing in 1978-79, the team's first year in the NHL, a development that undoubtedly contributed to Mr. Pocklington's decision to support the new clinic. (Dr. Quinney continues to oversee the testing at training camp each fall.)□



Bears' coach Clare Drake (right), Peter Pocklington and Glen Sather are good burghers of the City of Champions.

photo/University of Alberta/OFA

Advantage Dental Latest Example

Choice, Flexibility Are Bywords at Pension and Benefits Office

"Choice and flexibility are two of the University's long-term goals for its employee benefits program," says Ron Falconer, director of Pension and Benefits Administration.

"The recent introduction of a dual choice dental plan is the latest in a series of moves to provide more flexibility and choice for our staff," Mr. Falconer told *Folio*. "We added optional life insurance and voluntary accidental death and dismemberment coverage a while ago and we are looking for new ways to further expand the choices staff can make."

The University of Alberta, he points out, has always been a leader in a number of fields and the move to offer a dual choice dental plan is another example of leadership. This type of plan has only been available in Canada for a few years, and the University is the first large organization based in Western Canada and the first educational institution to offer it.

"The motivation to offer dual choice came from a desire to offer better service and reduce costs," says Mr. Falconer. "We felt we

could not take anything away from anyone. Dual choice reduces costs and allows the individual to stay with the dentist of their choice or choose one of the offices in the Advantage Dental option."

Joan Fitch, the University's benefits consultant with The Alexander Consulting Group, explains dual choice: "Each employee has the choice of plans—a fee-for-service plan with the dentist of their choice or a prepaid dental plan (Advantage Dental) with a choice of dental offices participating in the plan. Because of the cost savings available through the prepaid plans, a combination of higher coverage for certain treatment and cost reductions for the University is possible.

"The old system was a self-insured plan and was operating at maximum efficiency. Yet costs were increasing at 15 percent per year," Mrs. Fitch says. "Dual choice guarantees rates for three years for both options. As well, staff have maximum flexibility and can switch between the two

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University
of
Alberta

Deadlines:

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Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission. **Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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Research Conference Sends Nine Resolutions to Mulroney

Delegates at the national conference on university research and the future of Canada, held in Edmonton at the end of April, are urging Prime Minister Mulroney to "honor his commitment given . . . in January 1988, that \$1.3 billion in new federal funding will be made available over five years to support science and technology of which a major component in Canada is university-based research."

This resolution was one of nine unanimously passed by conference delegates, and sent to the Prime Minister, appropriate Ministers (both federal and provincial) and industry leaders.

Who Will Get the Money?

After three days' discussion of the role of university research, avenues

for greater private sector participation, and new opportunities for knowledge and technology transfer, conference participants also resolved that, since the Medical Research Council (MRC), the Natural Sciences and Engineering Research Council (NSERC), and the Social Sciences and Humanities Research Council (SSHRC) have "acknowledged expertise in assessing research proposals," a major portion of this new funding (\$1.3 billion) "shall be made available through [these Councils] to support university research . . . with first priority assigned to selectively strengthening the research base."

There was also consensus that any significant funding support for research and development in

federal government departments should be additional to this \$1.3 billion.

Setting up Centres of Excellence

Another resolution called for the federal government to entrust to MRC, NSERC and SSHRC the responsibility for organizing the Centres of Excellence program (announced by the Prime Minister in January 1988) and implementing it as a single, jointly-administered, tri-Council program.

The Private Sector

Agreeing that there is "a particular requirement for Canadian industry to increase its investment in

research and development," delegates resolved that Canadian universities should "cooperate . . . to enhance . . . research and development within the private sector . . . and continue to encourage the commercial exploitation of discoveries made by [university researchers]."

A New Journal for a Public Audience

Delegates also agreed that the three granting councils should act together to publish a new, bilingual journal. Its purpose would be to communicate "in a memorable way" to "an educated lay audience" the most important and interesting results of Canadian research. □

Issues Most Often Raised

Chronic underfunding of universities and the debilitating effect of research grants that do not take overhead costs into account was a recurring theme in the debates.

Speakers in all fields pointed out that research in the humanities and social sciences is enormously important in contributing to the understanding and management of technological change, but the area is "the neglected child" of research funding.

Teamwork, cooperation and collaboration between disciplines, universities and the private sector are seen as setting the scenario for success today and in the future.

Star performers must be recognized and rewarded: when excellence flourishes it attracts the bright young researchers who are the rising stars of the future. But that requires a rich talent pool of well-trained doctoral students. □

Conference Statistics

- 260 delegates were registered.
- This was the first time the arts and human sciences have been brought together with science and engineering in a national forum to hear each other's side. (*Conference chair Baha Abu-Laban.*)
- 10 percent of the delegates represented industry.
- 20 percent of the sponsors were

- corporations in the private sector.
- A baker's dozen of university presidents were present.
- 9 resolutions were unanimously passed.
- Publication of the conference proceedings—including full accounts of all workshops—is expected by the end of the year. □



President Horowitz and friends lay down rubber in preparation for PACE Day (25 May, noon to 1 p.m., in the Quad).

Politicians, Science Policy and the Public

Politicians are largely lawyers or businessmen. Senior civil servants are largely lawyers, economists or political scientists. "They have very little understanding of science and the nature of research," Gordon MacNabb, past president of NSERC, told conference delegates.

The foundation of our science and technology efforts is people—highly trained and very mobile research talent. A C.D. Howe Institute study suggests that unless universities significantly expand their capacity to train scientists and engineers, in the 1990s Canada will only be able to produce 50 percent of the PhDs

needed in applied sciences and engineering.

"It will take some major changes of attitude in Ottawa before Canada has an effective science policy," Dr. MacNabb said.

Public awareness of science and of the critical importance of research needs to be improved, too.

"But the biggest impediment to educating the public is that the scientific community is reluctant to speak to people," said guest speaker David Suzuki. "I say, spend your time with the general public. That's the way to instill the challenge and excitement into the young." □

University Archives Receives Boreal Institute Records

University Archives has received a major deposit of the records of the Boreal Institute for Northern Studies, 1960 to 1986. An inventory is available, and papers less than 25 years old may be consulted with the permission of the Director of the Boreal Institute, Ross Wein.

The idea for the Boreal Institute came from several scientists at the University of Alberta, all of whom were interested in northern research. Representatives from Geography, Zoology, Political Science, Sociology, Civil Engineering, and Geology formed the first planning committee. Approval for the establishment

of the Institute was received from the Board of Governors on 8 January 1960.

The planning committee envisioned an inter-disciplinary body housed at the University but including researchers from the scientific, governmental, education and business communities in general. The Institute would have a three-part program: training and teaching; information gathering and dissemination; and research.

The first full-time Executive Director, Jameson Bond, was appointed in 1967.

Continued on page five



The Embodiment of Teaching Excellence

This year's recipients of the Rutherford Award for Excellence in Undergraduate Teaching came from 19 nominations from 10 Faculties. At a reception at University House on 2 May, Bruce Ziff (Law) (left), Dorothy Harris (Physical Education and Sport Studies), James Forrest (English), and Ray Rasmussen (Organizational Analysis) were introduced by President Myer Horowitz ("It's the usual administrative arrangement, Vice-President Meekison has the cheques and I have the words") and accepted a monetary award from Dr. Meekison. On the appropriate day of Spring Convocation, each recipient will receive a plaque and the official recognition of the platform party and graduands and their families and guests.

Canadian Pharmaceutical Association Lauds Bachynsky at Annual Conference

John Bachynsky, Dean of the Faculty of Pharmacy and Pharmaceutical Sciences, is in possession of the Canadian Pharmaceutical Association's Meritorious Service Award.

The award, presented on 17 May in Saint John, is in honor of outstanding service to the community and to the profession of pharmacy.

The Canadian Pharmaceutical Association represents all areas of practice, including hospital, community, government, industry and academic pharmacy.

As Dean of Pharmacy and Pharmaceutical Sciences, Dr. Bachynsky has introduced a six-week work experience to the pharmacy students' curriculum and, to encourage closer liaison with the faculty, has formed a Pharmacy Alumni Association. He is chairman of the patent committee and is very active in the University's planning process.

Dr. Bachynsky is a past president of the Association of Faculties of Pharmacy in Canada, president of the Association of Deans of Pharmacy, director of the Canadian Foundation for Pharmacy, a council member of the Alberta Pharmaceutical Association and chairman of its faculty manpower committee.

As a result of his long-standing interest in international pharmacy, he is Canada's representative to the Commonwealth Pharmaceutical

Association and has initiated a project to assist pharmacy education in the Caribbean. □

Pension and Benefits

Continued from page two

plans on a monthly basis if they wish. For example, if someone is considering orthodontic work, they may want to switch to the Advantage Dental plan where 80 percent coverage is available. If they feel more confident with the dentist they know for regular check-ups or there is no convenient clinic near by, they can switch back to the fee-for-service plan."

It is only recently that a number of insurance carriers offered dual choice in Canada. Prudential was selected because of competitive costs, a three-year guarantee for both options, and a simple administration system for the University.

"We are very pleased with the initial response," comments Mr. Falconer. "We expected between 10 and 20 percent of staff to switch to Advantage Dental; since 1 April, almost 10 percent of our staff have switched. Now that Catherine M. Fletcher has been announced as the University-area dentist participating in the Advantage Dental network, enrolment will increase. We expect the north Edmonton location to be announced soon." □

Academy Strings Go to Europe

The Academy Strings, a 25-piece chamber music group under the direction of Norman Nelson, start a European tour on 19 May, and give their first performance on 22 May, in Belfort, France, at the closing ceremonies of the International Festival of University Music Ensembles.

Next stop is Italy, where the group will give three concerts in the Venice area, 24 to 26 May.

Then it's back to France for performances in St. Tropez and Nice and at the Université Canadienne in Villefranche-sur-mer, 27 May to 2 June. The Villefranche concert will include the European première of "Suite for String Orchestra" by Glenn Archibald, violist with the group.

Moving on to Paris, UNESCO will host a concert, 4 June.

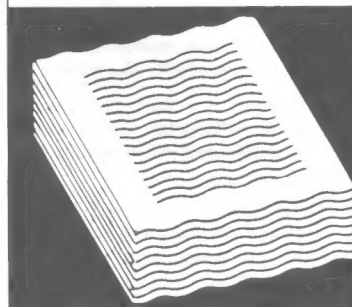
Last stop is London, where the ensemble will perform at St. Dunstan's College and the Church of the Ascension, Blackheath.

The tour repertoire includes works by Mozart, Handel, Vivaldi, Shostakovich, Bartók, Elgar and Forsyth.

A grant of \$5,000 was made available for the European tour from the University/Community Special Projects Fund.

The Academy Strings, composed of students, alumni and faculty from a variety of disciplines, gives four public concerts each season as well as a number of other performances. □

Currents



14. Faculty of Arts: Proposal for a Revised BFA (Drama) Program in Design

15. GFC Nominating Committee: Replenishment

16. Research Policy Committee

17. Other Business

For information concerning this agenda, members of the University community may telephone the Secretary to GFC (432-5430).

Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the **Devonian Botanic Garden** is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee on 30 and 31 May, and 1 June 1988. In preparation for this second phase, PACCR invites written comment prior to 27 May 1988.

Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee. Submissions should be sent to: Mrs. Shirley Moore, Coordinator, PACCR Office, W4-13 Chemistry Building, Attention: The Devonian Botanic Garden Unit Review Committee.

Farewell Reception for Amy Zelmer

The Office of the President and the Faculty of Nursing will hold a farewell reception to honor Associate Vice-President (Academic) and former Dean of Nursing, Amy Zelmer, upon her departure to Rockhampton, Australia, to head the Department of Nursing at Capricornia Institute of Advanced Education.

The reception will be held on Tuesday, 21 June, from 3 to 6 p.m. at University House. Friends, colleagues and students are cordially invited to attend.

A Book Prize in Nursing in honor of Dr. Zelmer will be established at Capricornia Institute. Those wishing to make a donation are invited to send cheques payable to the Amy Zelmer Book Prize Fund, care of Dorothy Gamble, Office of the Vice-President (Academic), 3-4 University Hall.

General Faculties Council

GFC's next meeting is scheduled for **Monday, 30 May, at 9 a.m.** in the University Hall Council Chamber.

1. Approval of the Agenda
2. Approval of the Minutes of 28 March 1988
3. Question Period
4. New Members of GFC 1988-89

Reports

5. Executive Committee Report
- 5.1 Executive Committee Minutes of 18 April 1988
6. Reports of the Board of Governors
7. Report of the Nominating Committee

New Business

8. Cumulative GPA: Advice from the GFC Academic Development Committee (ADC) on Proposals from the Faculties of Arts and Education
9. GFC Academic Development Committee (ADC): Annual Report 1987
10. GFC Planning and Priorities Committee (PPC): Annual Report 1987
11. Combined MBA/PhD and MPM/PhD Programs: Proposals from the Faculty of Graduate Studies and Research (FGSR)
12. MSc Degree in Psychiatry: Proposal from the Faculty of Graduate Studies and Research (FGSR)
13. North American Baptist College: Proposal for Affiliation with the University of Alberta — Recommendation from the GFC Committee on Admissions and Transfer (CAT)

Lown Heads Institute of Law Research and Reform

Peter J.M. Lown is the new director of the Institute of Law Research and Reform.

His appointment, announced by the Institute's board of directors, extends from 1 April 1988 to 31 March 1993.

Professor Lown, a professor in the Faculty of Law since 1969, has spent much of his time on academic welfare matters, copyright patents and associated intellectual property committees. Of late, he has been heavily involved in the installation of computer services and a student computer lab in the Law Centre.

As director of the Institute of Law Research and Reform, Professor Lown will become a Commissioner for Uniformity of Law in Canada. □



Peter Lown

Talks

Botany and Geography

25 May, 4 p.m. Ray Leuning, CSIRO Division of Forest Research, Canberra, Australia, "Leaf Energy Budget." M-149 Biological Sciences Centre.

Applied Mathematics Institute

27 May, 2 p.m. Efim A. Galperin, Département de mathématiques et d'informatique, Université du Québec à Montréal, "A New Method for Global Optimal Control." 657 CAB.

Pharmacy and Pharmaceutical Sciences

30 May, 3 p.m. Hubert Vanderhaeghe, retired chairman, School of Pharmacy, University of Leuven, Belgium, "Recent Methods of the Analysis of Antibiotics." 2031 Dentistry-Pharmacy Centre.
31 May, 3 p.m. Dr. Vanderhaeghe, "Antiviral Nucleosides." 2031 Dentistry-Pharmacy Centre. Both lectures sponsored by AHFMR.

Soil Science

2 June, 12:30 p.m. Charu Mishra, visiting scientist, Utkal University, Orissa, India, "The Study of Soil Invertebrates in Agroecosystems: Noise or Necessity?" 2-36 Earth Sciences Building.

Alberta Cancer Foundation

9 June, 7:30 p.m. Karol Sikora, director, Department of Clinical Oncology, Hammersmith Hospital, London, England, "New Technologies to Cure Cancer." Auditorium, Cross Cancer Institute.

Positions

The University of Alberta is an equal opportunity employer.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Administrative/ Professional Officer, Department of Elementary Education

The Department of Elementary Education invites applications for the position of Administrative/Professional Officer. The department is a teaching and research unit within the Faculty of Education.

Reporting directly to the Chairman, the Administrative/Professional Officer is accountable for the efficient business management of the department, including budget, personnel management, space, timetabling and student registration, and acts as resource person on administrative matters. The Administrative/Professional Officer acts as secretary to the departmental committees.

This position currently has a salary range of \$27,441 to \$41,169 per annum.

The date of appointment will be 1 July 1988. The deadline for receipt of applications is 31 May 1988.

Applications, including *curriculum vitae* and the names of three referees, should be forwarded to: Ms. Sharon I. Jamieson, Executive Assistant to the Dean, Faculty of Education, University of Alberta, 845 Education South, Edmonton, Alberta T6G 2G5

Boreal Institute

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The Research Library of the Boreal Institute has evolved into one of the foremost libraries of its kind in Canada. The Institute has continued to expand its activities and to win international recognition for the quality of its research. The archival files record the development of the Arctic Summer and Winter Schools, the conferences and research projects sponsored by the Institute, and the expansion of its library's resources and network.

The mandate of the Institute has evolved after a quarter of a century: the present focus is on research, conferences, and publications, and no longer includes a teaching mandate. □

Director, Public Affairs

Applications are invited for the position of Director of Public Affairs. The appointment is to be effective 1 July 1988 or as soon as possible thereafter.

Reporting to the Vice-President (Administration) through the Associate Vice-President (University Relations), the Director of Public Affairs will organize and direct the operation of an office involved in all facets of public affairs (community relations, media relations, electronic communications and publications) and will work with senior University administrators and faculty in developing broad-based and specific public affairs-oriented strategies and programs. The Director will also work closely with the Offices of Alumni Affairs and Development.

Candidates should possess at least one post-secondary degree from a recognized institution, and have a minimum of five years' experience in the public affairs or university advancement field. Experience within a university environment is essential. Salary range: \$36,732 to \$55,092 (1988-89 rate).

Please submit your application with a detailed *curriculum vitae*, no later than 27 May 1988, to: David C. Norwood, Associate Vice-President (University Relations), University of Alberta, 3-20 University Hall, Edmonton, Alberta T6G 2J9

Cree Language Instructor

The School of Native Studies invites applications for a tenure-track appointment in the Cree Language at the Assistant Professor level, starting 1 September 1988 or earlier.

Salary range for this position in 1988-89 is \$32,564 to \$46,700.

The successful candidate must have fluency in the Plains (Y) dialect of Cree and facility in writing Cree (both in syllabics and Roman orthography). In addition, the candidate must possess a successful record of teaching Cree at the post-secondary and/or secondary levels. Research interests in the curriculum development area are preferred. A letter of application and a *curriculum vitae* (résumé) along with names of three references should be sent to: Richard Price, Director, School of Native Studies, 11036 89 Avenue, Edmonton, Alberta T6G 2Z6

Competition deadline: 30 June 1988.

Training and Development Officer (Temporary)

Required immediately by Personnel Services and Staff Relations for a two-year period ending 30 June 1990.

This position involves responsibility for the design, development presentation and coordination of supervisory and employee training programs covering a diverse support services unit of some 3,000 employees. The incumbent will also provide consultative service to departments regarding specific training requirements resulting from organizational restructuring and administer a Human Resource Development Fund of \$300,000.

Applicants should have a related undergraduate degree combined with several years of directly related training experience in a large organization. The incumbent is required to have standup training experience and excellent communication skills.

Starting salary from \$30,270 per annum.

Interested applicants should submit a comprehensive résumé to: Personnel Services and Staff Relations, 2-40 Assiniboia Hall, University of Alberta, Edmonton, Alberta T6G 2E7

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 13 May. For a more up-to-date listing, please consult the weekly *Employment Opportunities Bulletin* and/or the postings in PSSR.

Clerk Typist II (Part-time), Pathology (Medical Laboratory Science), (\$902-\$1,120) (prorated)
Clerk Steno III, Faculty of Extension (Business and Professional Area), (\$1,407-\$1,767)
Programmable Typewriter Operator II (Term for 6 months), Pension and Benefits, (\$1,407-\$1,767)
Accounts Clerk, Housing and Food Services, (\$1,568-\$2,003)
Accounts Clerk, Personnel Services and Staff Relations, (\$1,568-\$2,003)
Administrative Clerk, Personnel Services and Staff Relations, (\$1,568-\$2,003)
Administrative Clerk, Elementary Education, (\$1,568-\$2,003)
Medical Steno, Medicine (Cardiology), (\$1,568-\$2,003)
Laboratory Assistant II (Part-time, Trust), Biochemistry, (\$722-\$896) (prorated)
Housing Worker Lead Hand, Housing and Food Services, (\$1,310-\$1,627)
Building Service Worker II, Housing and Food Services, (\$1,407-\$1,767)
Building Service Worker IV, Physical Plant—Building Services, (\$1,697-\$2,178)
Technician II (Term), Art and Design, (\$1,845-\$2,479)
Technologist I (Trust, Term), Civil Engineering, (\$2,003-\$2,585)
Maintenance Worker II, Housing and Food Services, (\$2,003-\$2,585)
Administrative Assistant I (Residence Coordinator), Housing and Food Services, (\$2,003-\$2,585)
Administrative Assistant I (Trust), Legal Resource Centre, (\$2,003-\$2,585)
Dental Technician III, Restorative Dentistry, (\$2,274-\$2,947)
Technologist III (Recurring term), Computing Science, (\$2,373-\$3,082)
Specialist Technician, Medicine and Dentistry, (\$2,823-\$3,686)

For vacant Library positions, telephone 432-3339.

Advertisements

Accommodations available

Buying or selling a condominium?
Contact your southside condominium specialist. Willma Currah, Royal LePage Realty, 433-9243, 437-7480.
Sale - University-area condominium. \$68,500. Immediate possession. Spacious, two bedrooms, well maintained. Two balconies, laundry facilities, appliances, drapes. Excellent building. 11011 86 Ave. Phone Joy Murray, NRS Realty Centre. 438-6111 today.
Rent - 1 July 1988 to 30 June 1989. Furnished, four-bedroom house, non-smokers. Near bus, schools. \$850/month plus utilities. 438-1103.
Rent - Three-bedroom, study leave home. Furnished, extra bedroom, bathroom in basement, smoke-free. Large, treed yard, ten-minute drive University. One year from late August. \$800/month. 432-3330, 451-2137.
Rent - Study leave home, furnished. Lendrum. Five bedrooms, two bathrooms. Rumpus room. Near schools, Southgate. 1-2 years from 1 July 1988. \$850/month. 434-0253, 432-5343.

Sale - Blue Quill. Immaculate, 11728 33A Ave. \$135,000. Four-level split. Main floor family room, den, laundry, huge yard. Close to Golf Course. Call Sherry Mailo, Canada Trust Realty, 468-2100.

Sale - Brand-new, three-bedroom home within walking distance of University. Kitchen open to family room, oak cupboards, 1 1/2 baths, double garage. Under \$100,000. Fran, Derek, Re/Max Realty. 481-2950.

Rent - Appealing, cozy bungalow, McKernan. Ten-minute walk University. Main floor (hardwood), two bedrooms, formal dining/living room. Basement finished, double garage. 1 June. non-smokers, no pets. Will consider furnishing. 428-5750.

Sale - Two-bedroom apartment/condominium. Quiet building with parking, sauna, fireplace. Corner 82 Ave. 110 St. Call Peter, 433-0095.

Sale - Grandview split-level with much upgrading, solid wood throughout, two fireplaces, three baths, brick and tile patio in park-like yard. \$179,900. Andrea Hammond, 435-5640, Royal LePage Realty, 436-5080.

Sale - Parkdale south, 11-year-old, bi-level, three bedrooms, two baths up plus finished basement. Many built-ins, south backyard. \$119,900. Andrea Hammond, 435-5640, Royal LePage Realty, 436-5080.

Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries and send information. No cost or obligation. Call collect (604) 592-3666, Lois Dutton, Wessex Realty, Victoria, B.C.

Rent - Petrolia. Four-level split. Four bedrooms, 1 1/2 baths. Attached, double garage. Available 1 July. Rent \$800. Call 487-7266.

Rent - July 1988. Furnished, two-storey, cedar home with 180° view of lakefront, terraced garden, peaceful Sundance, North Pigeon Lake. Piano, four appliances, nearby golf. 436-0571.

Sale - 180 acres recreational property, half-mile frontage North Saskatchewan River. Leduc county west of Genesee. Aspen, balsam, birch, spruce. Wildlife big and small. \$30,000. 437-7834.

Rent - Garneau Mews condominium, two bedrooms and loft, A/C, five appliances. 1 June 1988. \$975. Western Relocation Services Ltd. 438-1044.

Rent - Westridge Road, exquisite family home, four bedrooms, den, family room, fireplace, sauna. Furniture negotiable. 1 June 1988 to 30 June 1989. \$1,475. Western Relocation Services Limited, 438-1044.

Rent - Petrolia, furnished, three-bedroom bungalow. Sunny kitchen, fireplace, piano, non-smokers. Available 1 August 1988-31 July 1989. \$750. 434-4254.

Rent - Furnished, two-bedroom house in Toronto, July-August. (416) 485-5974. Non-smokers.

Rent - Bright, clean, one-bedroom, basement suite. Includes dishwasher, micro, laundry facilities, all utilities. \$350/month. Phone 433-2797.

Rent - Four-bedroom house, 109 St. 72 Ave. Available 1 June, five appliances, unfurnished. \$700. Phone 435-0167.

Rent - South Garneau, 80 Ave. Furnished, two-storey house. Deck, yard. Suit professional couple with one or two children. Minimum one year from 15 June. \$800/month. 468-5861 6-9 p.m.

Sale - No agents. Petrolia, three-bedroom bungalow. 1 1/2 baths, finished basement, detached garage, patio. Close to schools, shopping centres. Phone 464-7708 after 6 p.m.

Rent - Four-bedroom house. Five-minute walk, south of University. \$700. 487-7254, 432-5303.

Rent - Condominium available immediately. 118 St. Jasper. Two bedrooms, six appliances, indoor garage. Air conditioned, amenities. \$850. 488-5154.

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Rent - University area. 11240 77 Ave, three bedrooms, \$775. Early June. Married couple, no pets. 436-7248.

Sale - Laurier Heights bungalow, 1,780', three bedrooms, fully developed basement, two fireplaces, 2 1/2 baths, gorgeous southwest yard, possible nanny suite, double garage. Call Derek or Fran, 481-2950, Re/Max Real Estate.

Sale - By owner, Parkallen semi-bungalow, south-facing, \$89,900. Three bedrooms, 1 1/2 baths, finished basement, garage, five appliances. Easy walk to University. 436-9511.

Sale - Acreage. Just one mile off Devon highway. Cozy, 1,660' bungalow. Nicely treed. Very private, not in subdivision. Call Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Hubbles Lake. \$19,500. Nicely treed, 4.38 acres. Mobile home. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Large city lots. Windermere area. Financing available. Some ravine. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Windsor Park. Three-bedroom bungalow. Large lot. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale/rent - Attractive, three-bedroom townhouse. Appliances, fireplace. Blue Quill. 433-6719.

Sale - Windsor Park. By owner, 1,366 sq. ft., three-bedroom bungalow. Large modern kitchen, south backyard. Open house 22, 23 May, Sunday, Monday, 1 to 4 p.m. 11731 83 Ave. \$149,900. 433-8542.

Sublet - Old Strathcona. Clean, quiet, one-bedroom apartment. Balcony, shag carpet, TV, stereo, computer. Mid-July to mid-December. Reduced rent, utilities included. Deposit. 439-6566.

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Sale - Lakefront, Wizard Lake. Furnished cottage, fireplace. For details, call Jean Mill, 436-1469, 436-5250. Spencer Realty.

Sale - Two, 80-acre farms north of city. Buildings on one. Call Jean Mill, 436-5250, 436-1469. Spencer Realty.

Sale - Saskatchewan Drive. Lovely, park-like backyard. Handsome renovations include terrific oak kitchen. For details regarding this exclusive listing, ask for Pat von Borstel, 436-5250, Spencer Real Estate, 437-6540.

Sale - Belgravia. South yard, hardwood floors, trees, deck, skylight, newer bathrooms. No sign. Ask for Pat von Borstel, 436-5250, Spencer Real Estate. 437-6540.

Rent - 1 July. Older, 1 1/2-storey, three-bedroom, family home. Saskatchewan Drive east. Unfurnished/partially furnished. Detached, heated, double garage. Five appliances. References. If interested, please phone 452-0231 after 6 p.m.

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House-swap - London, U.K. Professor's terraced house one mile SW of Big Ben, mid-July to end August. Edmonton house should be comfortable, close to University. 432-3783.

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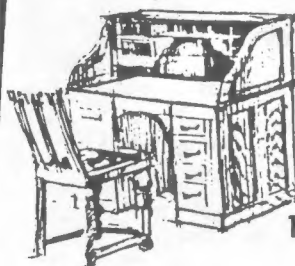
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